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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Shin-Ichi Funahashi et al. Art Unit : 1646
Serial No. : 09/502,698 Examiner : P. Mertz
Filed : February 11, 2000
Title : PROTEIN HAVING PDZ DOMAIN SEQUENCE

Commissioner for Patents
Washington, D.C. 20231

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RESPONSE

In response to the action mailed September 11, 2001, please amend the application as follows:

In the claims:

Amend claims 1, 3, 4 and 5 as follows:

B¹ -- 1. (Amended) A substantially pure polypeptide comprising an amino acid sequence at least 85% identical to SEQ ID NO:1 or 2, wherein the polypeptide contains at least one PDZ domain sequence, wherein at least one of said PDZ domain sequences interacts with a protein that has a hydrophobic amino acid region at its C-terminus.

3. (Amended) A substantially pure polypeptide comprising SEQ ID NO:1.

B² 4. (Amended) A substantially pure polypeptide comprising the amino acid sequence of SEQ ID NO:1 or 2, with up to 50 conservative amino acid substitutions, wherein the polypeptide contains at least one PDZ domain sequence, wherein at least one of said PDZ domain sequences interacts with a protein that has a hydrophobic amino acid region at its C-terminus.

03/21/2002 HTECKLU1 00000040 09502698

02 FC:102 84.00 OP
03 FC:103 54.00 OP

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